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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))	Docket No. GC22.4-CON2

In Re Application Of: **Rasmussen et al.**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/814,025	March 31, 2004	Sullivan, Daniel M.	24536	1636	4968

Title: **ENZYMATICALLY ACTIVE RECOMBINANT GLUCOCEREBROSIDASE**

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

   ☐ the statement specified in 37 CFR 1.97(e);

   OR

   ☐ the fee set forth in 37 CFR 1.17(p).

Docket Number: GC22.4-CON2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Rasmussen et al.
Serial No.:	10/814,025
Confirmation Number:	4968
Examiner:	Sullivan, Daniel M.
Art Unit:	1636
Filed:	March 31, 2004
For:	ENZYMATICALLY ACTIVE RECOMBINANT GLUCOCEREBROSIDASE

I certify that this document is being deposited on March 25, 2005 with the United States Postal Service as First Class Mail under 37.C.F.R. 1.8 and is addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Deborah. A. Gunkel
Printed name of person mailing correspondence

Deborah A. Gunkel
Signature of person mailing correspondence

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants request consideration of this Information Disclosure Statement.

Compliance With 37 C.F.R. § 1.97

This Information Disclosure Statement is being filed before the mailing of the first Office Action on the merits. Thus, pursuant to § 1.97(b)(3), no fee is required.

Information Cited

Applicants hereby make of record in the above-identified application the information listed on the attached form PTO/SB/08a. The order of presentation of the references should not be construed as an indication of the importance of the references.

Copies of the listed foreign and non-patent literature documents are attached. Copies of the U.S. patent publications are not enclosed.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United State law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Remarks

It is respectfully requested that:

1. The Examiner consider completely the cited information in reaching a determination concerning the patentability of the present claims;

2. The enclosed form PTO/SB/08a be signed by the Examiner and returned to applicants to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

3. The citations for the information be printed on any patent which issues from this application.

An early and favorable action is hereby requested.

The Commissioner is hereby authorized to charge Deposit Account No. 07-1074 for any fees which may be due. A duplicate copy of this paper is enclosed.

Respectfully submitted,

March 25, 2005

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 8

Complete if Known	
Application Number	10/814,025
Filing Date	March 31, 2004
First Named Inventor	Rasmussen et al.
Art Unit	1636
Examiner Name	Sullivan, Daniel M.
Attorney Docket Number	GC22.4-CON2

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No.[1]	Document Number Number - Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-3,910,822	10/07/1975	Pentchev, P.G.	
		US-4,464,470	08/07/1984	Fieldsteel, A.H.	
		US-4,675,285	06/23/1987	Clark et al.	
		US-4,713,339	12/15/1987	Levinson, A.D.	
		US-4,727,138	02/23/1998	Goeddel, D.V.	
		US-4,745,051	05/17/1988	Smith, G.E.	
		US-4,925,796	05/15/1990	Berg et al.	
		US- 4,927,762	05/22/1990	Darfler, F.J.	
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FOREIGN PATENT DOCUMENTS

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		WO 88/00967	02/11/1988	Gray, P.		
		WO 89/05850	06/29/1989	Ginns, E.I.		
		WO 90/07573	07/12/1990	Rasmussen, J.		
		EP 0 568 647 B1	09/11/1996	Hayes M.L.		

Examiner Signature		Date Considered	

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Sheet 2 of 8

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First Named Inventor	Rasmussen et al.
Art Unit	1636
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Attorney Docket Number	GC22.4-CON2

NON PATENT LITERATURE DOCUMENTS

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		AERTS, J.M.F.G. et al., "Glucocerebrosidase, a Lysosomal enzyme that does not undergo oligosaccharide phosphorylation", Biochimica et Biophysica Acta, 1988, pp. 303-308.	
		BERGH, M. et al., "Processing and Glycosylation of Human Glucocerebrosidase Expressed in Insect Cells and in Chinese Hamster Ovary Cells", Absts. Paper. Am. Chem. Soc. 200th Meet. BIOT 109, 1990.	
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Sheet 3 of 8

Complete if Known	
Application Number	10/814,025
Filing Date	March 31, 2004
First Named Inventor	Rasmussen et al.
Art Unit	1636
Examiner Name	Sullivan, Daniel M.
Attorney Docket Number	GC22.4-CON2

NON PATENT LITERATURE DOCUMENTS

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		BUTTERS, et al., "Isolation and Characterization of Mosquito Cell Membrane Glycoproteins", Biochimica et Biophysica Acta, 1981, Vol. 640, pp. 655-671.	
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Sheet 4 of 8

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		FURBISH, F.S. et al., "Enzyme replacement therapy in Gaucher's disease: Large-scale purification of glucocerebrosidase suitable for human administration", Proc. Natl. Acad. Sci. USA, 1977, Vol. 74, No. 8, pp. 3560-3563.	
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		KAUFMAN, R.J. et al., "Translational efficiency of polycistronic mRNAs and their utilization to express heterologous genes in mammalian cells", The EMBO Journal, 1987, Vol. 6, No. 1, pp. 187-193.	

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		KAUFMAN, R.J. et al., "Expression, Purification, and Characterization of Recombinant γ-Carboxylated Factor IX Synthesized in Chinese Hamster Ovary Cells", The Journal of Biological Chemistry, 1986, Vol. 261, No. 21, pp. 9622-9628.	
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		NORDIN, J.H. et al., "A Comparative Study of the Size-Heterogeneous High Mannose Oligosaccharides of Some Insect Vitellins", Biochem. Phsiol., 1984, Vol. 798, No. 3, pp. 379-390.	
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		SORGE, J. et al., [Correction notice], Proc. Natl. Acad. Sci. USA, 1986, Vol. 83, p. 3567.	

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Sheet 7 of 8

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Application Number	10/814,025
Filing Date	March 31, 2004
First Named Inventor	Rasmussen et al.
Art Unit	1636
Examiner Name	Sullivan, Daniel M.
Attorney Docket Number	GC22.4-CON2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		SORGE, J. et al., "Complete correction of the enzymatic defect of type I Gaucher disease fibroblasts by retroviral-mediated gene transfer", Proc. Natl. Acad. Sci. USA, 1987, Vol. 84, pp. 906-909.	
		SORGE, J. et al., "The Human Glucocerebrosidase Gene Has Two Functional ATG Initiator Codons", Am. J. Human Genetics, 1987, Vol. 41, pp. 1016-1024.	
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		SUBRAMANI, S. et al., "Expression of The Mouse Dihydrofolate Reductase Complementary Deoxyribonucleic Acid in Simian Virus 40 Vectors", Molecular and Cellular Biology, 1981, Vol. 1, pp. 854-864.	
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		Van WEZEL, A.L. et al, "Large Scale Cultivation of Animal Cells in Microcarrier Culture", Process Biochemistry, 1978, pp. 6-8.	

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		WU, J.T. et al., "Effect of Incubation with Dithiothreitol on AFP Molecule", Tumor Biology – Abstract: XVth Annual Meeting ISOBM, 1987, Vol. 8, No. 6, p. 293.	

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